PTO/SB/17 (10-04)

Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| FEE | TRANSMITTAL |
|-----|--------------------|
| 4 | for FY 2005 |

Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Name (Print/Type)

Signature

| (\$) | 1 | 32. | በበ |
|------|---|-------------|-------|
| 1001 | • | U L. | . • • |

| Complete if Known | | |
|----------------------|------------------|--|
| Application Number | 10/720,805 | |
| Filing Date | 11/24/2003 | |
| First Named Inventor | LAWRENCE J. ZACH | |
| Examiner Name | N. Mammen | |
| Art Unit | 3671 | |
| Attorney Docket No. | | |

| METHOD OF PAYMENT (check all that apply) | | FEE CALCULATION (continued) | | | | |
|---|---------|-----------------------------|----------|-------------|---|-----------|
| Check Credit card Money Other None | 3. AD | | | | S | |
| Deposit Account: | Large E | | | | | |
| Denosit | | | | Fee (\$) | Fee Description | Fee Paid |
| Account Number 502093 | | | 2051 | | Surcharge - late filing fee or oath | |
| Deposit Account Thomte, Mazour & Nieberga | | 50 | 2052 | | Surcharge - late provisional filing fee or cover sheet | |
| Name | 1053 | 130 | 1053 | | Non-English specification | |
| The Director is authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below | 1812 2 | 2,520 | 1812 2 | 2,520 | For filing a request for ex parte reexamination | |
| Charge any additional fee(s) or any underpayment of fee(s) | 1804 | 920* | 1804 | | Requesting publication of SIR prior to Examiner action | : |
| Charge fee(s) indicated below, except for the filing fee | 1805 1 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| to the above-identified deposit account. | 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| FEE CALCULATION | 1252 | 430 | 2252 | 215 | | |
| 1. BASIC FILING FEE Large Entity Small Entity | 1253 | 980 | 2253 | 490 | Extension for reply within third month | |
| Fee Fee Fee Fee Fee Description Fee Paid | 1254 1 | 1,530 | 2254 | 765 | Extension for reply within fourth month | |
| Code (\$) Code (\$) 1001 790 2001 395 Utility filing fee | 1255 2 | 2,080 | 2255 | 1,040 | Extension for reply within fifth month | |
| 1001 790 2001 393 Outily filling fee | 1401 | 340 | 2401 | 170 | Notice of Appeal | |
| 1002 550 2002 175 Besign ming fee | 1402 | 340 | 2402 | 170 | Filing a brief in support of an appeal | |
| 1004 790 2004 395 Reissue filing fee | 1403 | 300 | 2403 | 150 | Request for oral hearing | |
| 1005 160 2005 80 Provisional filing fee | 1451 1 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| SUBTOTAL (1) (\$) 0 | | 1,330 | 2453 | 665 | Petition to revive - unintentional | \square |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1501 1 | 1,370 | 2501 | 685 | Utility issue fee (or reissue) | |
| 29 Extra Claims below Fee Paid | 1502 | 490 | 2502 | 245 | Design issue fee | |
| Total Claims 13 -26** = 0 X = 0 Independent 6 3** - 3 X 44 = 132 | 1503 | 660 | 2503 | 330 | Plant issue fee | |
| Claims Claims | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| Multiple Dependent | 1807 | 50 | 1807 | 7 50 | Processing fee under 37 CFR 1.17(q) | |
| Large Entity Small Entity | | 180 | 1806 | | Submission of Information Disclosure Stmt | |
| Fee Fee Fee Fee Description Code (\$) Code (\$) | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1202 18 2202 9 Claims in excess of 20 1201 88 2201 44 Independent claims in excess of 3 | 1809 | 790 | 2809 | 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1201 88 2201 44 Independent claims in excess of 3 1203 300 2203 150 Multiple dependent claim, if not paid | 1810 | 790 | 2810 | 395 | For each additional invention to be | |
| 1204 88 2204 44 ** Reissue independent claims | | | | | examined (37 CFR 1.129(b)) | |
| over original patent | 1801 | 790 | 2801 | | Request for Continued Examination (RCE) | |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |
| SUBTOTAL (2) (\$) 132.00 | Other f | fee (sp | ecify) _ | | | |
| **or number previously paid, if greater; For Reissues, see above | | ced by | Basic I | Filing F | ree Paid SUBTOTAL (3) (\$) 0 | |
| (Complete (if applicable)) | | | | | | |
| SUBMITTED BY Name (Print/Type) DENNIS L. THOMTE | R | egistra | tion No | . 22 | 497 Telephone 402-392-2280 | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

(Attorney/Agent)

Date



5

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: LAWRENCE J. ZACH, ET AL.

GROUP NO.: 3671

SERIAL NO.: 10/720,805 **EXAMINER: N. Mammen**

FILED

November 24, 2003

TITLE

: POWERED SOIL TILLAGE DEVICE

<u>AMENDMENT</u>

10

Commissioner for Patents Alexandria, VA 22313

Dear Sir:

In response to the Office Action dated November 5, 2004, Paper No. 10292004 in the above-entitled application, please enter the following response:

15

12/07/2004 LWONDIAL 00000027 10720805

01 FC:2201

132.00 OP

20